

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/001295

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ G02B6/122, 6/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ G02B6/122, 6/12

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996
Published unexamined utility model applications of Japan 1971-2005
Registered utility model specifications of Japan 1996-2005
Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JICST file (JOIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 6-242333 A (NIPPON TELEGRAPH & TELEPHONE) 1994.09.02, 【0010】, 【0028】, Fig.1, 5, 6 (none)	17, 20 18, 19
X Y	Yasuhiro Hida et al., The IEICE Transactions C-I, 1997.11, Vol.J80-C-I, No.11, p.517-524	8 1-7, 9-16, 18, 19
Y	US 5596661 A (LUCENT TECHNOLOGIES INC.) 1997.01.21, column 10, line 26 - line 39, figures 1B, 1C & JP 8-234050 A & EP 724173 A1 & AU 4062095 A & CA 2165094 A	1-16
P, X	Kazutaka Nara et al., Proceedings of the 2004 IEICE Electronics Society Conference 1, 2004.09.08, p.174.	1-7

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search

25.04.2005

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